

Welcome to STN International! Enter x:x

LOGINID:sssptal600rxa

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 SEP 09 CA/CAplus records now contain indexing from 1907 to the
present
NEWS 4 AUG 05 New pricing for EUROPATFULL and PCTFULL effective
August 1, 2003
NEWS 5 AUG 13 Field Availability (/FA) field enhanced in BEILSTEIN
NEWS 6 AUG 18 Data available for download as a PDF in RDISCLOSURE
NEWS 7 AUG 18 Simultaneous left and right truncation added to PASCAL
NEWS 8 AUG 18 FROSTI and KOSMET enhanced with Simultaneous Left and Right
Truncation
NEWS 9 AUG 18 Simultaneous left and right truncation added to ANABSTR
NEWS 10 SEP 22 DIPPR file reloaded
NEWS 11 SEP 25 INPADOC: Legal Status data to be reloaded
NEWS 12 SEP 29 DISSABS now available on STN
NEWS 13 OCT 10 PCTFULL: Two new display fields added
NEWS 14 OCT 21 BIOSIS file reloaded and enhanced
NEWS 15 OCT 28 BIOSIS file segment of TOXCENTER reloaded and enhanced

NEWS EXPRESS OCTOBER 01 CURRENT WINDOWS VERSION IS V6.01a, CURRENT
MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS DATED 23 SEPTEMBER 2003
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
specific topic.

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research. Use for software development or design or implementation
of commercial gateways or other similar uses is prohibited and may
result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 07:52:03 ON 04 NOV 2003

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 07:52:11 ON 04 NOV 2003

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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 3 NOV 2003 HIGHEST RN 612478-18-9
DICTIONARY FILE UPDATES: 3 NOV 2003 HIGHEST RN 612478-18-9

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2003

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP
PROPERTIES for more information. See STNote 27, Searching Properties
in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>

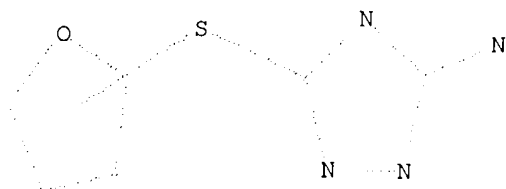
Uploading 10089433.str

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 07:52:30 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 190 TO ITERATE

100.0% PROCESSED 190 ITERATIONS 1 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 2973 TO 4627
PROJECTED ANSWERS: 1 TO 80

L2 1 SEA SSS SAM L1

=> s l1 full

FULL SEARCH INITIATED 07:52:33 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 3403 TO ITERATE

100.0% PROCESSED 3403 ITERATIONS 15 ANSWERS

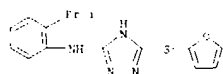
Page 3 11/04/2003

SEARCH TIME: 00.00.01

L3 15 SEA SSS FUL L1

=> d scan

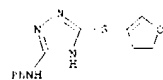
L3 15 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN
IN 1H-1,2,4-Triazol-3-amine, 5-(2-furanylthio)-N-(2-(1-methylethyl)phenyl)- (901)
MF C15 H16 N4 O S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

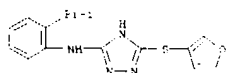
HOW MANY MORE ANSWERS DO YOU WISH TO SCAND (1):14

L3 15 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN
IN 1H-1,2,4-Triazol-3-amine, 5-(3-furanylthio)-N-phenyl- (501)
MF C12 H10 N4 O S



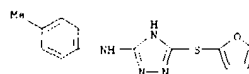
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 15 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN
IN 1H-1,2,4-Triazol-3-amine, 5-(2-furanylthio)-N-(2-(1-methylethyl)phenyl) (901)
MF C15 H16 N4 O S



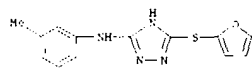
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 15 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN
IN 1H-1,2,4-Triazol-3-amine, 5-(2-furanylthio)-N-(4-methylphenyl)- (901)
MF C13 H12 N4 O S



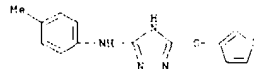
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L2 15 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN
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MF C13 H12 N4 O S



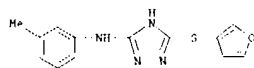
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 15 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN
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MF C14 H12 N4 O S



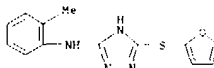
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 15 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN
IN 1H-1,2,4-Triazol-3-amine, 5-(2-furanylmthio)-N-(3-methylphenyl) (901)
MF C14 H12 N4 O S



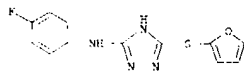
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 15 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN
IN 1H-1,2,4-Triazol-3-amine, 5-(2-furanylmthio)-N-(2-methylphenyl)- (901)
MF C13 H12 N4 O S



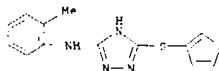
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

13 15 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN
 IN 1H 1,2,4-Triazol-3-amine, N-(4-fluorophenyl)-5-(2-furanylthio)- (9CI)
 MF C12 H9 F N4 O S



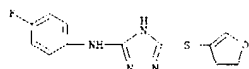
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

13 15 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN
 IN 1H 1,2,4-Triazol-3-amine, 5-(2-furanylthio)-N-(2-methylphenyl)- (9CI)
 MF C13 H12 N4 O S



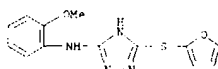
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

13 15 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN
 IN 1H 1,2,4-Triazol-3-amine, N-(4-fluorophenyl)-5-(2-furanylthio)- (9CI)
 MF C12 H9 F N4 O S



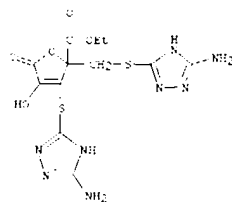
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

13 15 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN
 IN 1H 1,2,4-Triazol-3-amine, 5-(2-furanylthio)-N-(2-methylphenyl)- (9CI)
 MF C13 H12 N4 O S



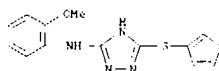
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 15 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN
 IN 2-Furanacarbonyl- acid, 3-[(5-amino-1H-1,2,4-triazol-3-yl)thio]-2-[(5-
 amino-1H-1,2,4-triazol-3-yl)thio]methyl-2,5-dihydro-4-hydroxy-5-oxo-
 ethyl ester (901)
 MF C12 H14 N8 O5 S2



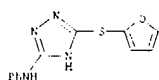
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 15 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN
 IN 1H-1,2,4-Triazol-3-amine, 5-(3-furanylthio)-N-(2-methoxyphenyl)- (901)
 MF C13 H12 N4 O2 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 15 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN
 IN 1H-1,2,4-Triazol-3-amine, 5-(2-furanylthio)-N-phenyl- (901)
 MF C12 H10 N4 O S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> fil caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

148.55

148.76

FILE 'CAPLUS' ENTERED AT 07:53:18 ON 04 NOV 2003

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FILE COVERS 1907 - 4 Nov 2003 VOL 139 ISS 19

FILE LAST UPDATED: 3 Nov 2003 (20031103/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l3

L4 2 L3

=> d ibib abs hitstr 1-2

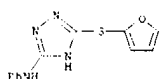
AB The compds. of the invention are non-peptide, reversible inhibitors of type 2 methionine aminopeptidase (MeAP2), and are useful in treating conditions mediated by angiogenesis, such as cancer, hemangioma, proliferative retinopathy, rheumatoid arthritis, atherosclerotic neovascularization, psoriasis, ocular neovascularization, and obesity. In particular, the method of inhibiting MeAP2 with triazoles and their

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)
 pharmaceutically acceptable salts and solvates is claimed [wherein: X = S or O; R1 = (un)substituted C1-6 alkyl, C3-6 alkenyl, C3-6 alkynyl, (un)substituted aralkyl, (un)substituted heterocyclylalkyl, or cycloalkylalkyl; R2 = (un)substituted C2-6 alkyl, C3-6 alkenyl, C3-6 alkynyl, (un)substituted aralkyl, (un)substituted heterocyclylalkyl, cycloalkylalkyl; R3 = H, (un)substituted C1-6 alkyl, C3-6 alkenyl, C3-6 alkynyl, (un)substituted aralkyl, (un)substituted heterocyclylalkyl, cycloalkylalkyl, alkyl-C(=O)-X'AR, alkyl-S(=O)(X'AR), alkyl-X'AR; X' = O, S, C or N; A, B = H, (un)substituted C1-6 alkyl, C3-6 alkenyl, C3-6 alkynyl, (un)substituted aralkyl, (un)substituted heterocyclylalkyl, cycloalkylalkyl; A and/or B may be absent]. A total of 312 synthetic examples are given. For instance, treatment of thiourea with NaOH and then Ph isothiocyanate gave 1-phenyl-2,4-dithiobourea, 1-A,; PhNHCO(S)NHCO(S)NHMe, which reacted with NEt3 and Et3 in DMF to give 2-ethynyl-1-phenyl-2-isobutylthiazole, i.e., PhNH(SBU)NC(S)NHMe. Cyclodehydration of the latter with anhyd. hydrazine gave 3-anilino-5-mercapt-1,2,4-triazole, which reacted with K2CO3 and benzyl bromide in DMF to give the invention compd. 3-anilino-5-benzylthio-1,2,4-triazole. Using analogous substituted starting materials, more highly substituted invention compds. such as 11 were prepd. The compds. have IC50 values of 0.6001-100.000M against MetAP2.

17 **334538-78-2P**, 3-Anilino-5-(furan-2-ylthio)-1,2,4-triazole
334538-87-3P, 3-Anilino-5-(furan-3-ylthio)-1,2,4-triazole
334538-99-7P, 3-(4-Methylanilino)-5-(furan-2-ylthio)-1,2,4-triazole **334539-08-1P**, 3-(4-Methylanilino)-5-(furan-3-ylthio)-1,2,4-triazole **334539-21-8P**, 3-(2-Methylanilino)-5-(furan-2-ylthio)-1,2,4-triazole **334539-30-9P**, 3-(2-Methylanilino)-5-(furan-3-ylthio)-1,2,4-triazole **334540-40-8P**, 3-(2-Methoxyanilino)-5-(furan-2-ylthio)-1,2,4-triazole **334540-48-6P**, 3-(2-Methoxyanilino)-5-(furan-3-ylthio)-1,2,4-triazole **334540-63-5P**, 3-(2-Methoxyphenyl)-5-(furan-2-ylthio)-1,2,4-triazole **334540-71-5P**, 3-(2-Isopropylanilino)-5-(furan-2-ylthio)-1,2,4-triazole **334540-86-2P**, 3-(4-Methylanilino)-5-(furan-2-ylthio)-1,2,4-triazole **334540-95-3P**, 3-(2-Methylanilino)-5-(furan-3-ylthio)-1,2,4-triazole **334541-50-3P**, 3-(4-Fluorophenyl)-5-(furan-2-ylthio)-1,2,4-triazole **334541-61-6P**, 3-(4-Fluorophenyl)-5-(furan-3-ylthio)-1,2,4-triazole

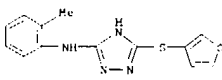
Me: BA: (Biological activity or attribute, except adverse); BS: (Biological study, unclassified); SPN: (Synthetic preparation); TH: (Therapeutic use); RPL: (Pharmacological study); PREP: (Preparation); USES: (Uses) (Drug candidate; prepn. of anilino(furanthio)triazole derivative as MetAP2 inhibitors)

RN 334538-78-2 CAPLUS
 CN 1H-1,2,4-Triazol-3-amine, 5-(2-furanylthio)-N-phenyl- (9CI) (CA INDEX NAME)

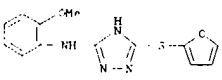


RN 334538-87-3 CAPLUS

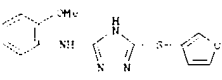
L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



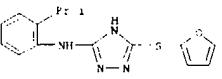
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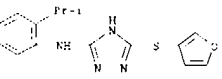
RN 334540-48-6 CAPLUS
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RN 334540-63-5 CAPLUS
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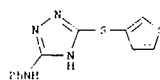


RN 334540-71-5 CAPLUS
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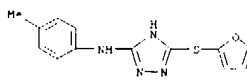


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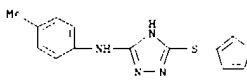
L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)
 CN 1H-1,2,4-Triazol-3-amine, 5-(3-furanylthio)-N-phenyl- (9CI) (CA INDEX NAME)



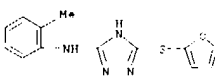
RN 334538-99-7 CAPLUS
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RN 334539-08-1 CAPLUS
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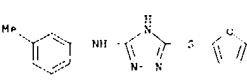


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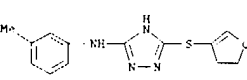


RN 334539-40-9 CAPLUS
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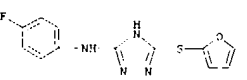
L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



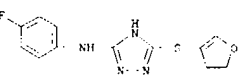
RN 334540-95-3 CAPLUS
 CN 1H-1,2,4-Triazol-3-amine, 5-(3-furanylthio)-N-(3-methylphenyl)- (9CI) (CA INDEX NAME)



RN 334541-50-3 CAPLUS
 CN 1H-1,2,4-Triazol-3-amine, N-(4-fluorophenyl)-5-(2-furanylthio)- (9CI) (CA INDEX NAME)



RN 334541-61-6 CAPLUS
 CN 1H-1,2,4-Triazol-3-amine, N-(4-fluorophenyl)-5-(3-furanylthio)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

10.32

159.08

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

-1.30

-1.30

STN INTERNATIONAL LOGOFF AT 07:55:02 ON 04 NOV 2003